TOYBOX TURBOS OCULUS RIFT README (VERSION 1.0 UPDATED 05/12/2014)

Thank you for purchasing TOYBOX TURBOS. This document contains instructions on how to install and setup Oculus Rift for TOYBOX TURBOS. Please read through this document to find out how to enable the Oculus Rift mode.

SETTING UP THE OCULUS RIFT VR KIT

- Install the Oculus VR Runtime version 0.4.2 or 0.4.3
- Plug in the Oculus VR DK2 and the tracking camera.
- Bring up the **Oculus Configuration Utility** from the windows taskbar.
- Go to **Tools -> Rift Display Mode**. Select "**Direct HMD Access from Apps**". Apply.
- If the "**Show Demo Scene**" button at the bottom of the window is greyed out, press the "+" button in the User section to add a user.
- Make sure the system works as intended by pressing "**Show Demo Scene**".

ENABLING VIRTUAL REALITY IN TOYBOX TURBOS

- Right-click **Toybox Turbos** in your **Steam** library, and select **Properties**.
- In the **General** tab, click **Set Launch Options**.
- In the text field, type **–vr**
- Close the **Properties** window and run the game normally.
- The Virtual Reality should now be active.
- If it is not, from the main menu of Toybox Turbos go to **Options -> Settings -> Video Settings** and choose **Oculus Rift: On.**

PLAYING TOYBOX TURBOS WITH VIRTUAL REALITY

- At any point in the game, you can press F12 or click in the right stick of your gamepad (R3) to centre the 3D scene.

SUPPORTED CONTROLLERS

- Keyboard and Mouse
- Microsoft Xbox Controller for Windows

TROUBLESHOOTING

- There is no "**Oculus Rift**" setting in the Video Settings menu:
  - Make sure the **Rift Display Mode** is **Direct HMD Access from Apps**
  - Make sure the Oculus Rift DK2 kit is connected and working properly by running the demo scene from the **Oculus Configuration Utility**
  - Make sure that the game is launched with the "**-vr**" command option

- The screen goes black when I turn on the Oculus Rift from the Video Settings menu
  - Try **centring** the 3D scene by pressing **F12** or **clicking in the right stick** of your gamepad (R3).
  - Try **restarting** the game.

TROUBLESHOOTING

- There is no longer a "**Fullscreen**" option in the Video Settings menu when Oculus Rift is enabled
    - Due to technical limitations, the **Fullscreen** option is disabled when running the game with Virtual Reality active.
    - To enable Fullscreen again, remove "**-vr**" from the launch options in the game's properties in Steam.

- The game is stuttering/juddering in VR
    - Make sure you are running the runtime version 0.4.2 or 0.4.3
    - In **Options -> Settings -> Video Settings:**
        - Try disabling the **Anti Aliasing**
        - Try disabling the **Depth of Field**
        - Try lowering the **Oculus Render Quality**

USEFUL WEBSITES

Codemasters Website: http://www.codemasters.com/uk/

Toybox Turbos Website: http://www.toyboxturbos.com/

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